JAMECO
ELECTRONIC COMPONENTS
COMPUTER PRODUCTS

Part No. 113873
Product No. STP32N124
4 Phase Unipolar Stepper Motor

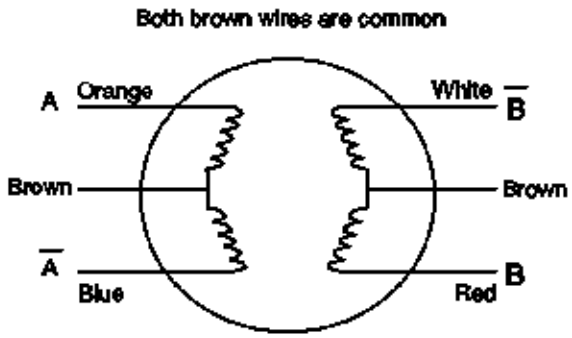
1355 Shoreway Rd., Belmont, CA 94002 • Tel: 415-592-8097 • Fax: 415-592-2503 • BBS: 415-637-9025

Specifications:

- Unipolar (4 Phase)
- 12 VDC, 230mA
- Coil: 50 Ohm, 40mH
- 7.5 degrees/step
- Shaft: 0.08"D x 0.51"L
- Mounting Hole Spacing: 1.57"
- Mounting Hole Diameter: 0.12"
- Motor: 1.25"D x 0.93"H
- Detent Torque: 20 g-cm
- Holding Torque: 180 g-cm
- Weight: 0.16 Lbs.

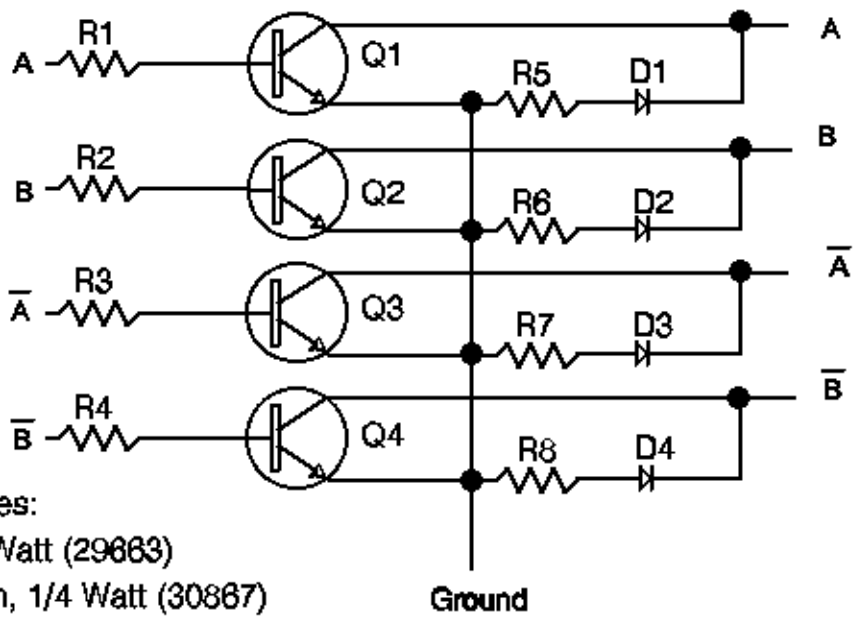
Applications:

- Automation
- Robotic Control
- Precision Mechanical Control



Step	A	B	$\overline{A}$	$\overline{B}$	Common
1	-	-			+
2		-	-		+
3			-	-	+
4	-			-	+
5	-	-			+

Driver Schematic



Suggested Values:

R1-R4=1K, 1/4 Watt (29663)

R5-R8=330 Ohm, 1/4 Watt (30867)

Q1-Q4=MJE3055T (25857)

D1-D4=1N4003 (76970)